

From wang!elf.wang.com!ucsd.edu!info-hams-relay Sat Mar 23 02:42:09 1991 remote  
from tosspot  
Received: by tosspot (1.63/waf)  
via UUCP; Sat, 23 Mar 91 09:46:44 EST  
for lee  
Received: from somewhere by elf.wang.com id aa04142; Sat, 23 Mar 91 2:42:06 GMT  
Received: from ucsd.edu by relay1.UU.NET with SMTP  
(5.61/UUNET-shadow-mx) id AA27901; Fri, 22 Mar 91 18:49:45 -0500  
Received: by ucsd.edu; id AA03674  
sendmail 5.64/UCSD-2.1-sun  
Fri, 22 Mar 91 13:05:23 -0800 for brian  
Received: by ucsd.edu; id AA03621  
sendmail 5.64/UCSD-2.1-sun  
Fri, 22 Mar 91 13:05:06 -0800 for /usr/lib/sendmail -oc -odb -oQ/var/spool/  
lqueue -oi -finfo-hams-relay info-hams-list  
Message-Id: <9103222105.AA03621@ucsd.edu>  
Date: Fri, 22 Mar 91 13:05:04 PST  
From: Info-Hams Mailing List and Newsgroup <info-hams-relay@ucsd.edu>  
Reply-To: Info-Hams@ucsd.edu  
Subject: Info-Hams Digest V91 #218  
To: Info-Hams@ucsd.edu

Info-Hams Digest                      Fri, 22 Mar 91                      Volume 91 : Issue 218

Today's Topics:

10m contest 3/16?????  
About Other "CB" Bands  
Alinco 590  
Anybody out there ever fixed a microwave oven (2 msgs)  
Bicycle Power for Field Day  
Easily EM shielding building windows. A new product.  
Ham interference on Cable TV?  
Ham Stacks Sighted!  
Hamtronics  
Help with Circulator..  
Hi, CA!  
Hints & Kinks for taking the General code test  
Morse  
PRO-34:Expand from 200 to 3200 channels ?  
Re: Anybody out there ever fixed a microwave oven  
Spread Spectrum  
TH-77A hum in TX audio  
upgrade from no-code tech (2 msgs)  
uunet rejected address  
WANTED: Docs for NETPC (DL3DBT v891105)  
WANTED: Logging Program for IBM-PC  
what does COSMAC mean, as in 1802

When is the DALLAS HAMCOM??  
Whither J. Meshna? (Western MA surplus electronics dealer)  
Why is everyone still here?  
Why isn't this group making it to the digest??

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

-----  
Date: 13 Mar 91 15:11:38 GMT  
From: sdd.hp.com!usc!bbn.com!drilex!ka3ovk!albers@ucsd.edu  
Subject: 10m contest 3/16?????  
To: info-hams@ucsd.edu

oIn my official "1991 Ham Photo Calendar with Contest and DX Reference",  
there is a contest listed for March 16th as:

"County 10 PH 1200Z (36)"

Which I would translate as some kind of 10 meter county hunters phone contest  
starting at 1200Z and lasting 36 hours. However, I cannot find a reference  
to this contest in any of the major ham radio magazines (QST, CQ, 73, Radio  
Scan). Before I run out to Delaware this weekend, does anyone know if this  
contest is really happening?

Jon

--  
| Jon Albers, IRS, Information Systems Management, Support and Installation. |  
| Office Symbols: ISM:S:S:SI voice: (202/FTS)535-3729 Packet: KA30VK@N4QQ |  
| UUCP:(media|teemc|tcsc3b2|ki4pv)!ka3ovk!albers ARPA: JALBERS@SIMTEL20 |

-----  
Date: 17 Mar 91 08:06:43 GMT  
From: usc!zaphod.mps.ohio-state.edu!magnus.acs.ohio-state.edu!nzimmerm@ucsd.edu  
Subject: About Other "CB" Bands  
To: info-hams@ucsd.edu

A few people have been asking about the 462 - 467 MHZ "CB" band and this may

clear somethings up.

This frequency band is better known as the GMRS (General Mobile Radio Service).

Who can get a license: Any individual can get a license.

How : Just fill out the FCC form 574 and send it in with \$30

The form is somewhat of a pain to fill out (i.e. very specific).

The frequencies are given out in pairs so that a repeater can be used.

The maximum power output is 50 watts and you are technically allowed only one frequency pair.

-----  
Date: 19 Mar 91 18:17:40 GMT

From: uakari.primite.wisc.edu!zaphod.mps.ohio-state.edu!usc!gate.oxy.edu!oxy.edu!  
d\_reeves@ames.arpa

Subject: Alinco 590

To: info-hams@ucsd.edu

In article <00945CDF.71F7BA60@MAPLE.CIRCA.UFL.EDU> aleg8r@oak.circa.ufl.edu  
writes:

>I need all the info that you guys can give me on the Alinco DR-590T

>I am planning on buying a dual (TWIN) Bander, and this seems to be the

>. Thank you for you help in a advance. -Jon KC4NWK

>

Has anyone used the "remote base" option for the Alinco 590?

And Info would be appreciated.

73, de N6XHW, Doug

d\_reeves@gate.oxy.edu

-----  
Date: 19 Mar 91 14:50:02 GMT

From: tut.cis.ohio-state.edu!zaphod.mps.ohio-state.edu!caen!uflorida!cs.fau.edu!  
terryb@ucbvax.berkeley.edu

Subject: Anybody out there ever fixed a microwave oven

To: info-hams@ucsd.edu

I don't know if this has been posted yet, but there is at leas 1 book  
on Microwave Oven Repair: "Practical Microwave Oven Repair",  
Homer L. Davidson, 1984, TAB Books, Blue Ridge Summit, PA.

-----  
Date: 20 Mar 91 09:48:56 GMT

From: hpda!hpcuhb!hpsqf!hpmola!hpmolb!dstock@hplabs.hpl.hp.com  
Subject: Anybody out there ever fixed a microwave oven  
To: info-hams@ucsd.edu

There was an article some time ago on converting a microwave cooker into an atv transmitter, in RF DESIGN. It explained the things and suitable precautions quite well.

73 David

-----  
Date: 15 Mar 91 20:03:12 GMT  
From: hpl-opus!hpnmdla!alanb@hplabs.hpl.hp.com  
Subject: Bicycle Power for Field Day  
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, hpb@hpb.cis.pitt.edu (Harry Bloomberg) writes:

> Our ham club is considering using bicycle power for our natural power  
>multiplier for Field Day this year.

> 1) Has anybody out there done this? I'd appreciate any comments.

It's not practical for a full-power HF transceiver. 20 Amps at 12 volts is 1/3 horsepower, even assuming 100% generator efficiency, which is a bit more than the average out-of-shape ham can manage!

I have heard of people just using a standard bicycle light generator into a voltage doubler/filter/3-terminal regulator to power an HT. You only have to make 5 contacts to qualify, I believe.

AL N1AL

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Date: 16 Mar 91 00:52:24 GMT  
From: swrinde!zaphod.mps.ohio-state.edu!mips!pacbell.com!pacbell!ptsfa!  
dmtur@ucsd.edu  
Subject: Easily EM shielding building windows. A new product.  
To: info-hams@ucsd.edu

In article <1991Mar14.190632.8927@agate.berkeley.edu> marchant@ssl.berkeley.edu (Will Marchant) writes:

>The glass sheets are similar to the ones usually mounted on new sky-scrapers,  
>with a shiny surface. However, this metallic film can be tied to earth, thus  
>providing shielding which stops any electromagnetic radiation from leaving the

^^

Made from sheets of black hole material, I presume. :-)

Where can I get some of this stuff, I want to insulate my house and stop all heat loss.

--

Dave Turner 415/823-2001 {att,bellcore,sun,ames,decwrl}!pacbell!dmtur

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Date: 14 Mar 91 05:16:06 GMT

From: sdd.hp.com!zaphod.mps.ohio-state.edu!maverick.ksu.ksu.edu!ux1.cso.uiuc.edu!  
uxa.cso.uiuc.edu!mrbg8552@ucsd.edu

Subject: Ham interference on Cable TV?

To: info-hams@ucsd.edu

A question for those wiser than I....

My friend's cable tv gets interrupted several times a week by what I think are ham operators. I can get parts of a callsign at times, but have yet to understand anything clearly enough to be sure of the call. Repeated calls to the local CATV company have not solved their problems. If we are able to hear a clear call, what should we do? I know I can look up the operator's name and address, but what then? Send the ham police? Call up and leave nasty messages? Leave nice messages?

I am not a ham user, but I have a friend (out of town) who has explained some of what I described above. Any suggestions?

Thanks, Matt Byer mrbg8552@uxa.cso.uiuc.edu

--

Matthew Byer  
Champaign, Illinois, USA  
mrbg8552@uxa.cso.uiuc.edu

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Date: 15 Mar 91 14:20:36 GMT

From: usc!apple!uokmax!skaggs@ucsd.edu

Subject: Ham Stacks Sighted!

To: info-hams@ucsd.edu

I downloaded these from apple.apple.com (thanks!) but I do not have the BinHex program to decode/uncrunch them. Can anyone direct me to a version of that runnable on a Sun?

73, Gary.

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Gary Skaggs - WB5ULK skaggs@nssl.gcn.uoknor.edu DOC/NOAA/ERL/NSSL

"Listen, I'm a politician. That means I'm a cheat and a liar, and  
when I'm not kissin' babies, I'm stealin' their lollipops..."

Jeffery Pelt, The Hunt for Red October.

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Date: 19 Mar 91 20:55:06 GMT

From: agate!apple!usc!samsung!caen!math.lsa.umich.edu!spsd4360a.erim.org!  
hideg@ucbvax.berkeley.edu

Subject: Hamtronics

To: info-hams@ucsd.edu

Hello.

I am looking for information and opinions about Hamtronics, Inc.  
They advertise some neat little toys like exciters, receivers,  
controllers, as well as entire repeaters.

What kind of experiences have you had with Hamtronics kits?  
What about "wired & tested" stuff?

I'm mainly interested in their UHF receiver.

Any information would be appreciated.

thanks/pax

---

Steve Hideg N8HSC

hideg@spsd4360a.erim.org

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Date: 18 Mar 91 16:02:20 GMT

From: timbuk!andyw@uunet.uu.net

Subject: Help with Circulator..  
To: info-hams@ucsd.edu

I picked up a piece of surplus microwave gear last week, it has WG 16 flanges, and I think it's either a circulator or a splitter/combiner.

It has 3 ports (with a 500W dummy load on one of them!) and it bears the following markings:

Micromega Div. Bunker Ramo

Mod - 32904  
Ser - 2527

Any additional information/specs would be welcome.

--  
andyw. (W0/G1XRL)

andyw@aspen.cray.com Andy Warner, Cray Research, Inc. (612) 683-5835

--  
andyw. (W0/G1XRL)

andyw@aspen.cray.com Andy Warner, Cray Research, Inc. (612) 683-5835

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Date: 19 Mar 91 22:50:37 GMT  
From: usc!zaphod.mps.ohio-state.edu!rpi!uwm.edu!psuvax1!ukma!asuvax!anasaz!  
rusty@ucsd.edu  
Subject: Hi, CA!  
To: info-hams@ucsd.edu

I will be in California from 3-20-91 till 3-22-91, to be precise  
at the Holiday Inn/Bayview Plaza hotel (213) 399-9344, for a class.

I will probably have my 2m HT with me. Anyone out there want to get  
together for supper Wed, Thurs, or Fri? Give me a call at the above number  
and we'll see what we can do!

Rusty N7IKQ (And, I'm sorry to say that I won't be doing any callsign  
tapes for the rest of the week :-)) and :-(

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Date: 14 Mar 91 22:40:17 GMT  
From: ogicse!intelhf!reed!tektronix!sequent!mntgfx!mrosneck@ucsd.edu

Subject: Hints & Kinks for taking the General code test  
To: info-hams@ucsd.edu

My father is going to (finally) upgrade to General. I understand how the new volunteer examiner system works but I'm not sure how the code tests are actually structured these days. The last time I took a code test I got to sit in front of the FCC and sweat a lot.

What sort of a test should he expect? How is it graded? Is a sending test still required? Are there any hints for taking the test?

I believe there was a thread on this a few months ago. I'd appreciate it if someone could summarize the comments for me.

Thanks

Mark

--

Mark Rosneck (503) 685-1340 KB0US  
Mentor Graphics Corp., 8005 S.W. nBoeckman Road, Wilsonville, OR 97070  
...!{sequent,tessi,apollo}!mntgfx!mrosneck OR mrosneck.MENTORG.COM

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Date: 19 Mar 91 00:35:54 GMT  
From: munnari.oz.au!mullian.ee.mu.OZ.AU!strick@THEORY.TN.CORNELL.EDU  
Subject: Morse  
To: info-hams@ucsd.edu

Thank you all who responded to my original posting. I found what I wanted at pc.usl.edu (by anonymous FTP) in directory pub/ham. The program is called sm316.zip (SuperMorse).

By the way the program orbit that somebody else was after was also there.

Thanks again Larry.

-----

Date: 12 Mar 91 14:27:18 GMT  
From: usc!rpi!zaphod.mps.ohio-state.edu!tut.cis.ohio-state.edu!abvax!iccgcc!carney@ucsd.edu  
Subject: PRO-34:Expand from 200 to 3200 channels ?  
To: info-hams@ucsd.edu

Has anyone modified thier PRO-34 for 3,200 channels?  
I'm tempted to buy the book "Scanner Modification Handbook" by Bill Cheek that describes such a mod plus many others. To the casual listener,



the 200 channels may seem like plenty, but just imagine the what one could do with that many " banks " on hand!!!

```
#####  
#           #  
#   MARK C.   #  
#           #  
#####
```

I love the smell of 2-Stroke in the morning...

... it smells like Victory!!!

-----  
Date: 20 Mar 91 00:27:00 GMT  
From: hpl-opus!hpnmdla!alanb@hplabs.hpl.hp.com  
Subject: Re: Anybody out there ever fixed a microwave oven  
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, jgd@Dixie.Com (John G. DeArmond) writes:

>You can buy replacement tubes for under \$70 at your local appliance  
>repair parts shop. Take the tube with you for comparison. Note that

Seems like you could buy a whole new microwave for about twice that.

AL N1AL

-----  
Date: 21 Mar 91 17:46:52 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Spread Spectrum  
To: info-hams@ucsd.edu

I just picked up a copy of the ARRL SPREAD SPECTRUM SOURCEBOOK (\$20).  
Haven't gone through it yet but seems like a good starting point for anyone  
interested in learning about or getting into spread spectrum.....Just thought  
I'd post info in case someone was interested.

73, Norman  
KH6R (808) 668-3087

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Date: 13 Mar 91 16:38:16 GMT  
From: ukma!usenet.ins.cwru.edu!cwsys3!dkazdan@RUTGERS.EDU

Subject: TH-77A hum in TX audio  
To: info-hams@ucsd.edu

In article <1991Mar12.200638.2200@ka3ovk> jsmith@ka3ovk.irs.gov.UUCP (Joe Smith) writes:

>Last week I bought a Kenwood TH-77A to replace my TH-75. I was really  
>impressed by all of its features. I loaded a couple freqs in memory  
>then called a friend on 2 meters and asked him how I sounded. He told  
>me the audio was plenty loud by that I should turn my PL tone off.  
>I then looked in the manual to see how to turn my PL tone off and  
>found that it was not on! So I turned my mobile 2m radio on and there  
>it was, a hum, on my audio that sounded like a PL tone.

My wife and I bought a pair of these and sseveral people in our repeater club have them; no problems. I'm just a little squeamish about doing the modifications--removing those little tiny chip resistors may be beyond my meager dexterity.

Best of luck with it.

73,

David, AD8Y

-----  
Date: 16 Mar 91 23:19:09 GMT  
From: cruzio!brettb@uunet.uu.net  
Subject: upgrade from no-code tech  
To: info-hams@ucsd.edu

Just passed "no-code" tech and want to go back next month to upgrade. Query is: should I learn code at 5wpm (I know the dit-dah combos but need to develop "my ear") or should I just go straight to 13 wpm and the general test? Seems like I could and should just develop my ear at 13 wpm, know I could pass the written test easily. Does anyone have experience with this? Seems like 5wpm then 13 wpm track might be duplicate effort. Please e-mail your advice. Thanks!

Brett Breitwieser                      ..uunet!cruxio!brettb  
VajraCom Consultants                  gridloc CM86XX

-----  
Date: 20 Mar 91 14:45:04 GMT  
From: crayola.cs.umd.edu!furuta@mimsy.umd.edu  
Subject: upgrade from no-code tech

To: info-hams@ucsd.edu

Do any of the available tape code courses use the Farnsworth method?  
The previous poster recommended Gordon West and did not recommend the  
ARRL tapes. Any other evaluations?

Thanks.

--Rick

-----  
Date: 22 Mar 91 01:29:03 GMT  
From: usc!apple!agate!stanford.edu!unix!snmp.sri.com!larson@ucsd.edu  
Subject: uunet rejected address  
To: info-hams@ucsd.edu

In article <2640@cruzio.UUCP> brettb@cruzio.UUCP (Brett Breitweiser) writes:

>Brett Breitwieser                      ..uunet!cruzio!brettb

Sorry, UUNET denys knowledge of your host. Send me a real address  
as I have a long message for you.

Alan

-----  
Date: 20 Mar 91 15:26:23 GMT  
From: usc!apple!well!kdavis%well.sf.ca.us@ucsd.edu  
Subject: WANTED: Docs for NETPC (DL3DBT v891105)  
To: info-hams@ucsd.edu

I am running the net.exe called netpc developed in Germany by  
DL3DBT and group. I have it running fine on two ports with  
tcp/ip and net/rom.

I need the documentation for this (in English, I hope). Many features  
like NOS are handled with this program and it has color and windowing  
support.

If anyone knows where I can ftp the docs please contact me. Thanks!

-- Ken

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Date: 19 Mar 91 18:28:25 GMT  
From: sdd.hp.com!usc!snorkelwacker.mit.edu!bloom-beacon!eru!hagbard!sunic!  
news.funet.fi!hydra!cc.helsinki.fi!stickler@ucsd.edu  
Subject: WANTED: Logging Program for IBM-PC  
To: info-hams@ucsd.edu

Could someone tell me where I can find a good logging  
program for a PC (preferably via anon. ftp).

Thanks.

////////////////////////////////////  
Patrick Stickler University of Helsinki stickler@cc.helsinki.fi  
////////////////////////////////////

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Date: 21 Mar 91 06:31:34 GMT  
From: sdd.hp.com!zaphod.mps.ohio-state.edu!mips!news.cs.indiana.edu!ariel.unm.edu!  
hydra.unm.edu!ollie@ucsd.edu  
Subject: what does COSMAC mean, as in 1802  
To: info-hams@ucsd.edu

Hi. I'm playing with a COSMAC 1802 chip and wondered why they are called  
COSMAC. Are all 1802s rad-hard, and does this have anything to do with it?

just curious

--  
Ollie Eisman (N6LTJ) ollie@hydra.unm.edu (505)277-4845  
3505 Lafayette Rd. NE #3, Albuquerque, New Mexico 87131, USA

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Date: 20 Mar 91 22:28:10 GMT  
From: usc!elroy.jpl.nasa.gov!sdd.hp.com!spool.mu.edu!snorkelwacker.mit.edu!  
stanford.edu!leland.Stanford.EDU!stankus@ucsd.edu  
Subject: When is the DALLAS HAMCOM??  
To: info-hams@ucsd.edu

Does anyone know when the Dalla Hamcom will take place. I think it  
is in June. I want to schedule my trip back to visit my brothers  
for that weekend  
tnx

John Stankus N5PEE

stankus@leland.stanford.edu

Chem Dept. Stanford U.

-----  
Date: 19 Mar 91 04:05:29 GMT  
From: o.gp.cs.cmu.edu!fs7.ece.cmu.edu!taurus.ece.cmu.edu!apaeth@pt.cs.cmu.edu  
Subject: Whither J. Meshna? (Western MA surplus electronics dealer)  
To: info-hams@ucsd.edu

Can anyone tell me what became of this place? (John Meshna, Lynn MA)

Better yet, anyone know where all that great surplus might now be stashed?  
(Power supplies, crts, computer part overruns, optics, etc.) By "great" let's  
say "periodically publishes a large, well-stocked catalog" -- like H&R does.

/Alan "once lived just a block from C&H in Pasadena, why did I leave?" Paeth  
VE3AWP

-----  
Date: 18 Mar 91 17:07:48 GMT  
From: decvrl!news.crl.dec.com!shlump.nac.dec.com!sousa.enet.dec.com!  
sndpit.enet.dec.com!smith@decvrl.dec.com  
Subject: Why is everyone still here?  
To: info-hams@ucsd.edu

I keep seeing postings to rec.ham-radio, why hasn't everyone moved over to  
rec.radio.amateur.\*? Doesn't really bother me any, but it might explain  
why the posting volume has dropped....

Willie Smith  
smith@sndpit.enet.dec.com  
smith%sndpit.enet.dec.com@decvrl.dec.com  
{Usenet!Backbone}!decvrl!sndpit.enet.dec.com!smith

-----  
Date: 15 Mar 91 09:02:41 GMT  
From: w1gsl@athena.mit.edu  
Subject: Why isn't this group making it to the digest??  
To: info-hams@ucsd.edu

I usually read this group as the mailed digest. Over the last week  
there have been very few articles, Actually almost only the solar warning  
bullitens. I thought the group really had died :-(.

Then I came over here (usenet) just to check and there are at least 40 articles  
over the last few days that didn't make it to the digest.

Does the fellow over at UC who mails out the digest know what is happening?  
Any explanation??

73 Steve F  
W1GSL

\*\*\*\*\*  
Steve Finberg W1GSL P0 Box 82 MIT Br  
w1gsl@athena.mit.edu Cambridge MA 02139  
finberg@draper.com 617 258 3754  
\*\*\*\*\*

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Date: 14 Mar 91 19:44:21 GMT  
From: usc!apple!bionet!agate!stanford.edu!unix!snmp.sri.com!larson@ucsd.edu  
To: info-hams@ucsd.edu

References <2236@ke4zv.UUCP>, <906@nddsun1.sps.mot.com>,  
<1991Mar11.230403.11125@xanadu.com>  
Subject : Re: Re: HF recomendations

In article <1991Mar11.230403.11125@xanadu.com> jeff@xanadu.com (Jeff Crilly N6ZFX)  
writes:

>In article <906@nddsun1.sps.mot.com> waters@nddsun1.sps.mot.com (Mike Waters)  
writes:

>>Don't overlook an "invisible dipole" using 22-24 gauge wire. You can  
>>even get it with light blue covering for wire wrap work. Use rubber  
>>bands as insulators and 1/8 inch coax.

>

>The bandwidth will be very narrow, though.

From having operated just such an antenna for many years, I can claim  
that this is definitely NOT true. The bandwidth is just fine. Since  
the resistance of the wire lowers the Q, it may even be a bit broader  
than one made of heavy wire, but I was unable to measure that difference.  
Mine covered 40 meters just fine.

Alan

wa6azp

-----  
Date: 15 Mar 91 00:03:50 GMT  
From: sdd.hp.com!spool.mu.edu!snorkelwacker.mit.edu!stanford.edu!eos!aio!  
lark.jsc.nasa.gov!kell@ucsd.edu

To: info-hams@ucsd.edu

References <1991Mar12.175820.14804@ucunix.san.uc.edu>,  
<1991Mar12.213837.6925@aio.jsc.nasa.gov>, <1357@gargoyle.uchicago.edu>p  
Reply-To : kell@lark.jsc.nasa.gov  
Subject : Re: Ham Stacks Sighted!

In article <1357@gargoyle.uchicago.edu>, hayward@gargoyle.uchicago.edu (Peter Hayward) writes...

>In article <1991Mar12.213837.6925@aio.jsc.nasa.gov> kell@lark.jsc.nasa.gov writes:

>

> (Regarding Diana Syriac's Ham stacks for the Mac)

>:

By the way, many thanks to Diane Syriac for all the work putting the exams into hypercard. I forgot to mention that in my previous posting.

Ted Kell kell@lark.jsc.nasa.gov

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End of Info-Hams Digest

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